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1 [An intelligent 3D user interface adapting to user control behaviors](#)
☒ Tsai-Yen Li, Shu-Wei Hsu

 January 2004 I UI '04: Proceedings of the 9th international conference on I
Publisher: ACM

 Full text available: ☒ Pdf (277.15 KB) [Additional Information: full citation, abstract, re](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 119, Citaio

The WALK mode is one of the most common navigation interfaces for 3D. However, due to the limited view angle and low frame rate, users are often when they navigate in a cluttered virtual scene with such a mode. ...

Keywords: adaptive assisting mechanism, artificial force field, intelligent user interface control

2 [Observing and adapting user behavior in navigational 3D interfaces](#)
☒ Augusto Celentano, Fabio Pittarello

 May 2004 AVI '04: Proceedings of the working conference on Advanced v
Publisher: ACM

 Full text available: ☒ Pdf (253.47 KB) [Additional Information: full citation, abstract, re](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 120, Citaio

In a navigation-oriented interaction paradigm, such as desktop, mixed reality, recognizing the user needs is a valuable improvement, provided that they anticipate the user actions. Methodologies for adapting ...

3 [Workshop on behavior-based user interface customization](#)
☒ Lawrence Bergman, Tessa Lau

 January 2004 I UI '04: Proceedings of the 9th international conference on I
Publisher: ACM

 Full text available: ☒ Pdf (64.30 KB) [Additional Information: full citation, index terms](#)


Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 35, Citation (

Keywords: adaptive user interfaces

4 [Graphical specification of user interfaces with behavior abstraction](#)
☒ J. F. DeSoi, W. M. Lively, S. V. Sheppard

 March 1989 CHI '89: Proceedings of the SIGCHI conference on Human factors
Wings for the mind

Publisher: ACM

Full text available:  Pdf (607.61 KB)

Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 16, Citation (

The Application Display Generator (ADG) is a graphical environment for implementation of embedded system user interfaces. It is a major component of the Specification Subsystem (GSS) in Lockheed's Express knowledge-based


Also published in:

March 1989 SIGCHI Bulletin Volume 20 Issue SI

5 [Communication Behaviors of Co-Located Users in Collaborative AR](#)

K. Kiyokawa, M. Billingham, S. E. Hayes, A. Gupta, Y. Sannoh, H. Kato
September 2002 | SMAR '02: Proceedings of the 1st International Symposium on Collaborative Computing and Supporting Groupware

Publisher: IEEE Computer Society

Full text available:  Pdf (544.92 KB)

Additional Information: full citation, abstract, ci

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 16, Citation (


We conducted two experiments comparing communication behaviors of collaborative augmented reality (AR) interfaces. In the first experiment, stereo- and mono-video, and immersive head mounted displays (HMDs)

6 [Recovering software requirements from system-user interaction traces](#)

 Mohammad El-Ramly, Eleni Stroulia, Paul Sorenson

July 2002 | SEKE '02: Proceedings of the 14th international conference on Software Engineering

Publisher: ACM


Full text available:  Pdf (112.21 KB)

Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 60, Citation (


As software systems age, the requirements that motivated their original development become unavailable or obsolete. Recapturing the requirements for software reengineering activities. In our CellEST process ...

7 [A presentation model for multimedia summaries of behavior](#)

 Martin Molina, Victor Flores

January 2008 | UI '08: Proceedings of the 13th international conference on User Interface Design

Publisher: ACM

Full text available:  Pdf (300.92 KB)

Additional Information: full citation, abstract, re



Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 41, Citation (

Presentation models are used by intelligent user interfaces to automatically generate presentations according to particular communication goals. This paper describes the design and evaluation of a presentation model that was designed to automatically generate presentations

Keywords: behavior summarization, multimedia user interface, presentation model



8 [Pavlov: an interface builder for designing animated interfaces](#)

David Wolber

-  December 1997 Transactions on Computer-Human Interaction (TOCHI)
 Publisher: ACM
 Full text available:  Pdf (1.09 MB) Additional Information: [full citation](#), [abstract](#), [review](#)
 Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 54, Citation (

Conventional interface builders provide little support for interactive development application-specific graphics. Some Programming by Demonstration (PB) support, but none provide full support for demonstrating ...

Keywords: animation, programming by demonstration, user interface (

- 9 [Implicit interaction profiling for recommending spatial content](#)
 Joe Weakliam, Michela Bertolotto, David Wilson
 November 2005 GI S '05: Proceedings of the 13th annual ACM international information systems
 Publisher: ACM
 Full text available:  Pdf (754.07 KB) Additional Information: [full citation](#), [abstract](#), [review](#)
 Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 104, Citation (




When individuals request task-relevant spatial content in the form of a typically return default maps displaying standard map content. Little effort applications to present users with personalized maps displaying ...

Keywords: data mining, implicit profiling, personalization, user interface (

- 10 [Evaluating adaptive user profiles for news classification](#)
 Ricardo Carreira, Jaime M. Crato, Daniel Gonçalves, Joaquim A. Jorge
 January 2004 IUI '04: Proceedings of the 9th international conference on I
 Publisher: ACM
 Full text available:  Pdf (132.20 KB) Additional Information: [full citation](#), [abstract](#), [review](#)
 Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 110, Citation (

Never before have so many information sources been available. Most are some exist on the Internet alone. However, this large information quantity hard to find. Modern Personal Digital Assistants (PDAs), ...

Keywords: bayesian classifier, content-based filter, mobile and ubiquitous

- 11 [AppleScript](#)
 William F. Cook
 June 2007 HOPL III: Proceedings of the third ACM SIGPLAN conference on languages
 Publisher: ACM
 Full text available:  Mov (55:56 MIN),  Pdf (621.56 KB) Additional Information: [full citation](#), [abstract](#), [review](#)
 Bibliometrics: Downloads (6 Weeks): 51, Downloads (12 Months): 275, Citation (

AppleScript is a scripting language and environment for the Mac OS. Or AppleScript allows end users to *automate* complex tasks and *customize* automate tasks, AppleScript provides standard ...

Keywords: AppleScript, history, scripting

12 [Human-centered design meets cognitive load theory: designing inter think](#)



Sharon Oviatt

October 2006 MULTIMEDIA '06: Proceedings of the 14th annual ACM inter Multimedia

Publisher: ACM

Full text available: Pdf (690.68 KB) Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 58, Downloads (12 Months): 344, Citatio

Historically, the development of computer systems has been primarily a phenomenon, with technologists believing that "users can adapt" to wha *centered design* advocates that a more promising and enduring ...

Keywords: cognitive load, educational interfaces, human-centered des multimodal interfaces, pen-based interfaces, performance metrics, robu interfaces, tangible interfaces, usability

13 [Proceedings of the eighteenth conference on Hypertext and hyperme](#)



Simon Harper, Helen Ashman, Mark Bernstein, Alexandra Cristea, Hugh C. Hanson, Dave Millard

September 2007 HT '07: Proceedings of the eighteenth conference on Hype

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

It is our great pleasure to welcome you to the 18th International ACM C Hypermedia 'Hypertext, The Web, and Beyond: Five Autonomous Progr Conference'. The conference takes place in the Manchester Museum in .

14 [A field evaluation of an adaptable two-interface design for feature-ric](#)



Joanna McGrenere, Ronald M. Baecker, Kellogg S. Booth

May 2007 Transactions on Computer-Human Interaction (TOCHI) .

Publisher: ACM

Full text available: Pdf (933.75 KB) Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 62, Downloads (12 Months): 399, Citatio

Two approaches for supporting personalization in complex software are menus and user-controlled adaptable menus. We evaluate a novel inter productivity software based on adaptable menus. The design ...

Keywords: Human-computer interaction, adaptable interfaces, adaptiv customization, featurism, field experiment, individual differences, perso

Visualization of users' activities in a specific environment

Zdeněk Mikovec, Ivo Maly, Pavel Slavík, Jan Čurín


December 2007 WSC '07: Proceedings of the 39th conference on Winter sir
is yet to come

Publisher: IEEE Press

Full text available:  Pdf (487.60 KB) Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 71, Citation

Evaluation of user interface design is usually based on usability testing. I analyzed and described the user behavior in the form of the user model data set which was acquired through observation of ...

16 User interfaces for privacy agents Lorrie Faith Cranor, Praveen Guduru, Manjula Arjula

June 2006 Transactions on Computer-Human Interaction (TOCHI) ,

Publisher: ACM

Full text available:  Pdf (1.82 MB) Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 51, Downloads (12 Months): 421, Citatio


Most people do not often read privacy policies because they tend to be I understand. The Platform for Privacy Preferences (P3P) addresses this p standard machine-readable format for website privacy policies. P3P ...

Keywords: P3P, preferences, privacy, privacy enhancing technology, p

17 Extracting usability information from user interface events David M. Hilbert, David F. Redmiles


December 2000 Computing Surveys (CSUR) , Volume 32 Issue 4

Publisher: ACM

Full text available:  Pdf (1.50 MB) Additional Information: full citation, abstract, re
review

Bibliometrics: Downloads (6 Weeks): 82, Downloads (12 Months): 801, Citatio

Modern window-based user interface systems generate user interface e their normal operation. Because such events can be automatically captu indicate user behavior with respect to an application's user interface, ...

Keywords: human-computer interaction, sequential data analysis, usal
event monitoring18 The importance of translucence in mobile computing systems Maria R. Ebling, Bonnie E. John, M. Satyanarayanan

March 2002 Transactions on Computer-Human Interaction (TOCHI) ,

Publisher: ACM

Full text available:  Pdf (330.59 KB) Additional Information: full citation, abstract, re

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 133, Citatio

Mobile computing has been an active area of research for the past deca increase substantially in the decade to come. One problem faced by des

that of maintaining the illusion of connectivity even ...


Keywords: Coda, disconnected operation, mobile computing, transluce
weakly connected operation

19 [USim: A User Behavior Simulation Framework for Training and Test Systems](#)

A. Garg, S. Vidyaraman, S. Upadhyaya, K. Kwiat

April 2006 ANSS '06: Proceedings of the 39th annual Symposium on Simu

Publisher: IEEE Computer Society

Full text available:  Pdf (322.86 KB)

Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 40, Citation (


Anomaly detection systems largely depend on user profile data to be ab
normal activity. Most of this profile data is currently based on command
executed by users on a system. With the advent and ...

20 [Method to analyze user behavior in home environment](#)

Seung Ha, Hong Jung, Yong Oh

January 2006 Personal and Ubiquitous Computing , Volume 10 Issue 2-3

Publisher: Springer-Verlag

Full text available:  Pdf (949.07 KB)

Additional Information: [full citation](#), [abstract](#), [re](#)

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 125, Citatio

The development of computing technology affects the environmental ch
in a many ways. In other words, we believe that Ubiquitous computing
very vision of our homes. The most distinct phenomenon ...

Keywords: Home context, Ubiquitous computing, User behavior, User I
research

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